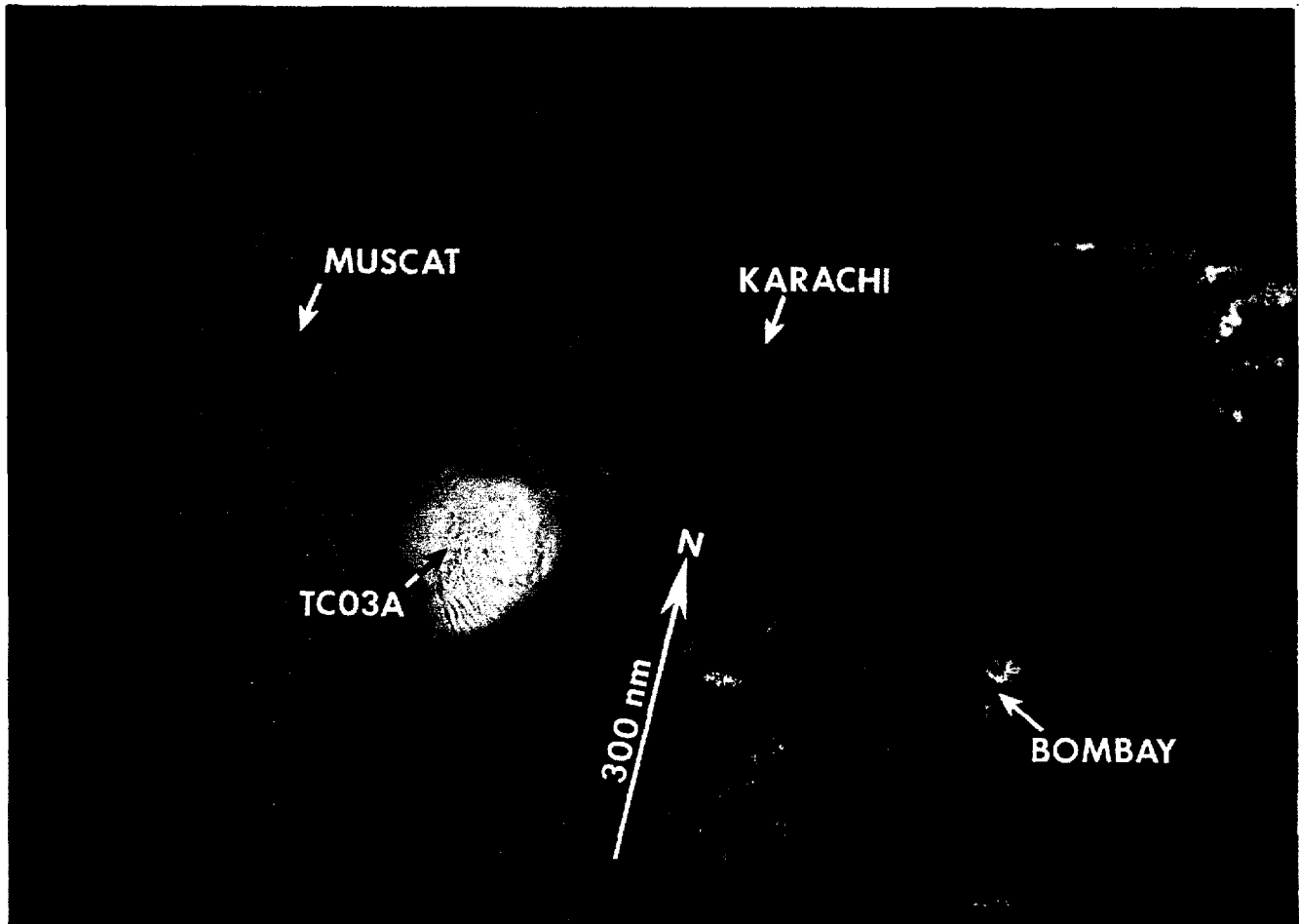


## TROPICAL CYCLONE 03A



*Figure 3-03A-1. Tropical Cyclone 03A began on June 4th as a monsoon depression with the supporting convection displaced from the low-level circulation center. Throughout the life of Tropical Cyclone 03A, brisk southwesterly flow dominated the low-levels with an overlying tropical easterly jet in the upper-levels. The low pressure center developed 250 nm (463 km) southeast of central Oman and moved slowly eastward along the edge of the low-level southwesterlies. An expanded radius of over 30 kt (15 m/sec) winds in the south semicircle resulted from interaction between the tropical cyclone and the already brisk monsoonal flow. JTWC issued its first warning at 050600Z without a preceding Tropical Cyclone Formation Alert, due to the rapid consolidation of convection around an exposed low-level circulation center. Post-analysis indicated the system had actually reached tropical storm intensity 18-hours earlier. Tropical Cyclone 03A reached a maximum intensity of 50 kt (26 m/sec) at 060000Z shortly before it abruptly changed its track toward the north. This intensity was maintained until 080000Z when the track became westerly. The final warning was issued at 091200Z as the system rapidly weakened due to increased vertical wind shear. Cloudiness associated with the remains of the low-level circulation flared up for a short time between 110400Z (see above imagery) and 111200Z; however, complete dissipation over water occurred within the next 24-hours (110501Z June DMSP visual imagery).*